MK2
Installation Manual

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Trolley

Height: 140 cm (55")

Content of package

1x Projection module
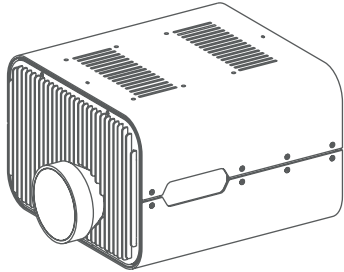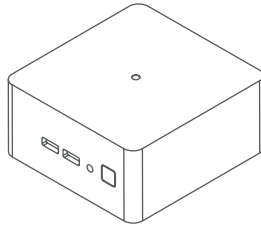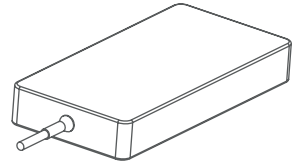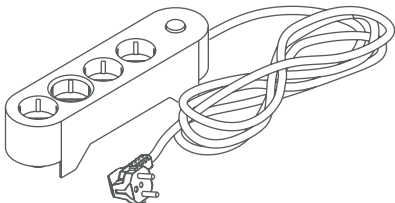4K Projector
Fisheye lens

1x CPU

1x CPU power adaptor
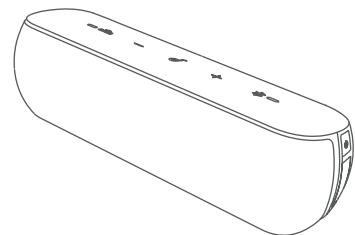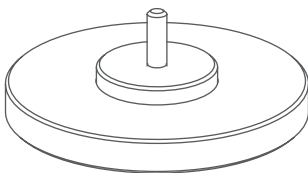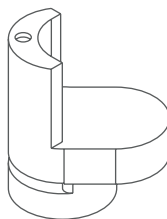
1x Connection strip

1x Remote control
Includes: AAA batteries x2

1x Speaker

1x Adjustment knob

4x CPU clip
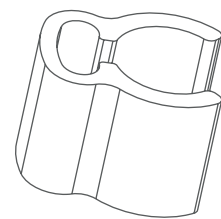
6x Cable guides

Content of package
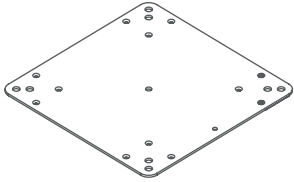
1x Top tray

4x Trolley legs
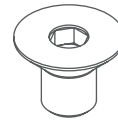
12x Screws for the top tray
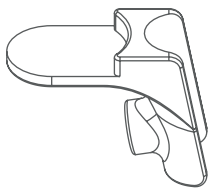
4x Middle tray mounts
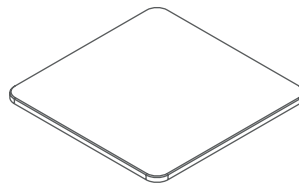
1x Middle tray

8x Round screws
(4x middle tray)
4x trolley legs)
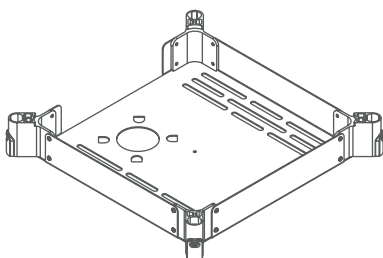
1x Bottom tray
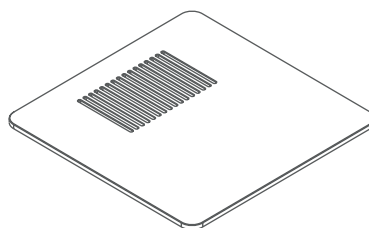
1x Bottom tray lid
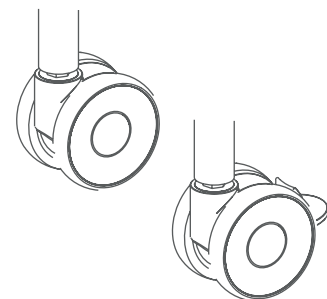
4x Trolley wheels
(2x with brake /
2x without brake)

Content of package
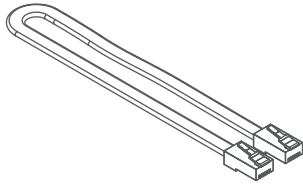
1x LAN cable
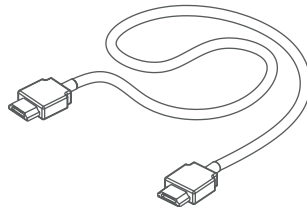
1x HDMI cable
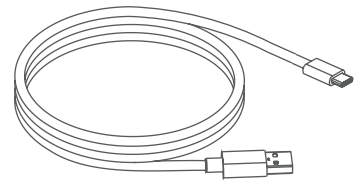
1x USB – USB-C cable
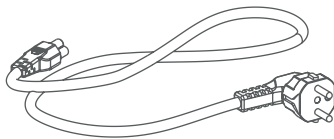
1x Power cable IEC C5
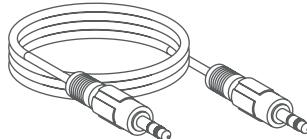
1x Mini jack cable
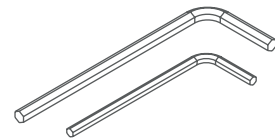
1x 5mm Allen Wrench

1x 2mm Allen Wrench
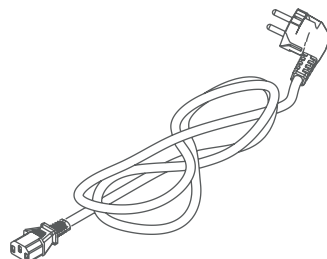
1x Power cable CEE 7/7
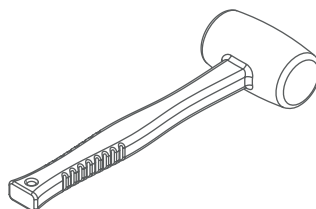
1x Rubber mallet
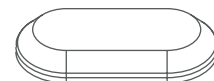
4x Screw cover clip

Installation

Preparing the projection space.

Before proceeding with the installation of the Broomx MK2 immersive projector, please make sure the projection space fulfills the required specifications and that a wired internet connection is available.

Please consult the corresponding documentation from our help center.

Contact our technical support team for any doubts.

Installation - Trolley

1 -Screw the four legs to the top tray using the screws included in the pack.
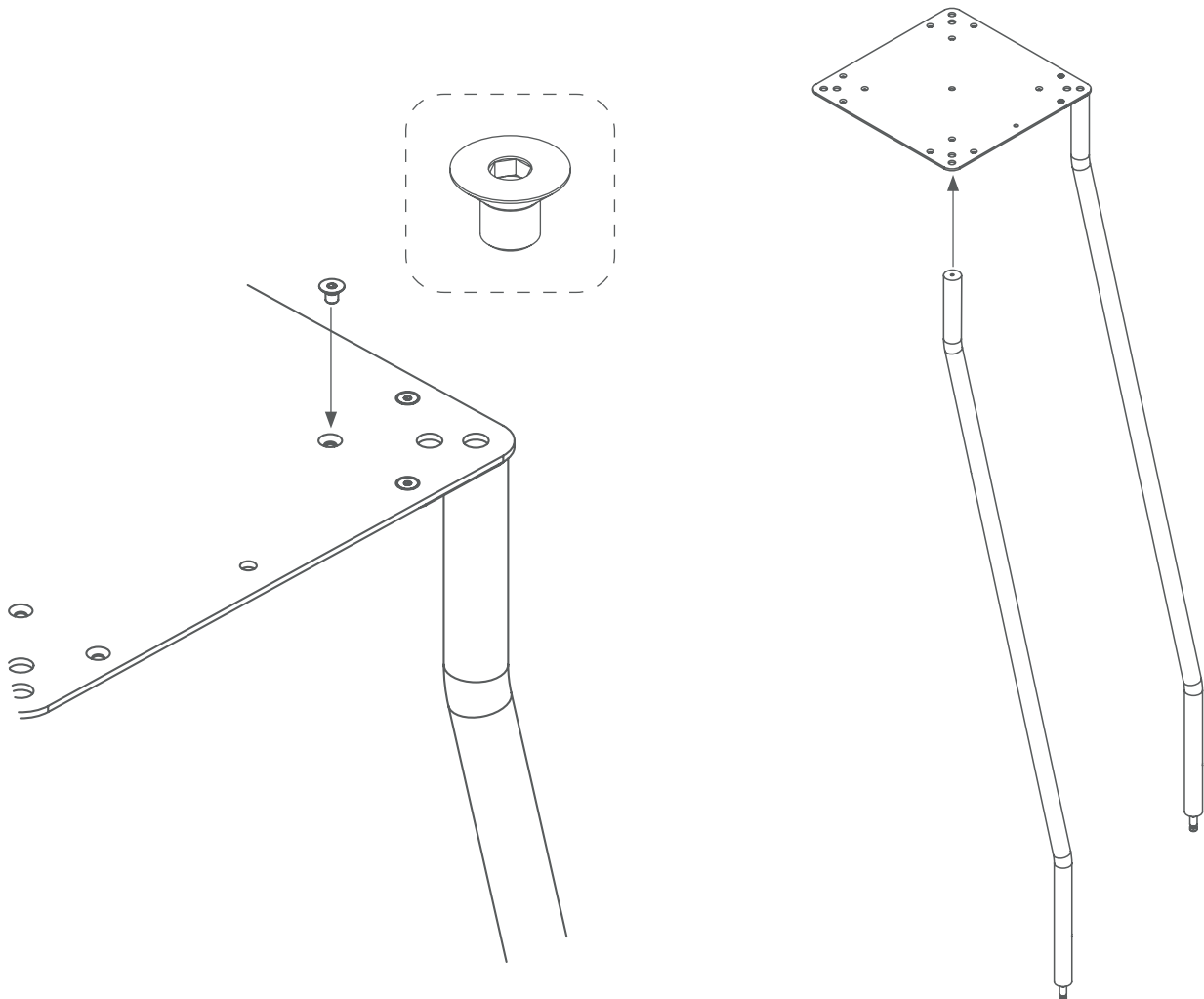
2 - Turn the stand upside-down.
Fit the tray into place by gently tapping the
corners with the rubber mallet.
Insert the screws to secure the legs.

3 - Fit the wheels into place in the following
order:

    • Screw the 2 wheels with brakes
    onto the hind legs (3a)
    • Screw the 2 wheels without brakes
    to the front legs. (3b)
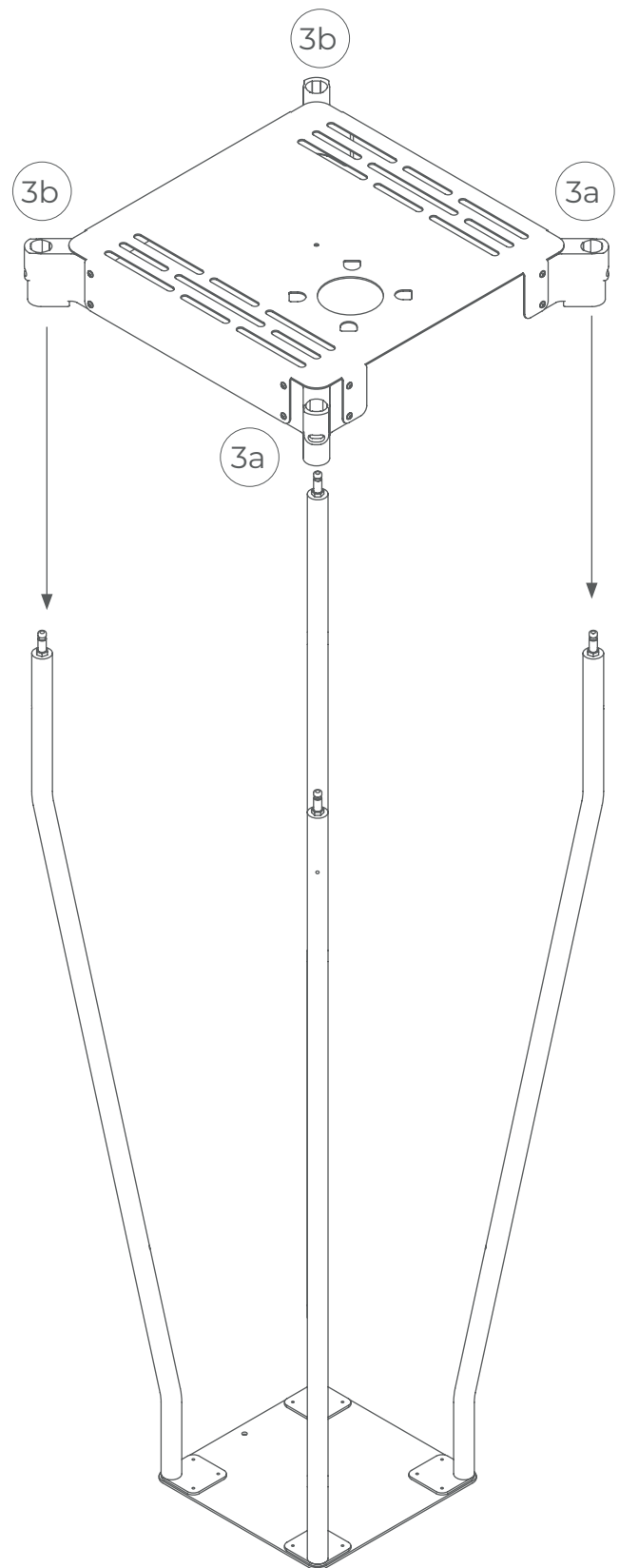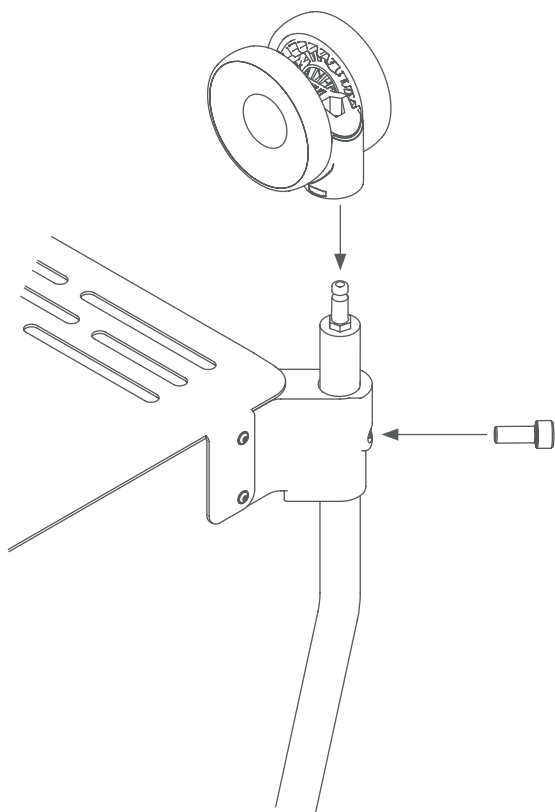
4 - Screw in the four brackets for the middle tray.

Place the cover clips on the top tray.
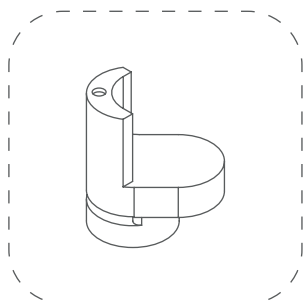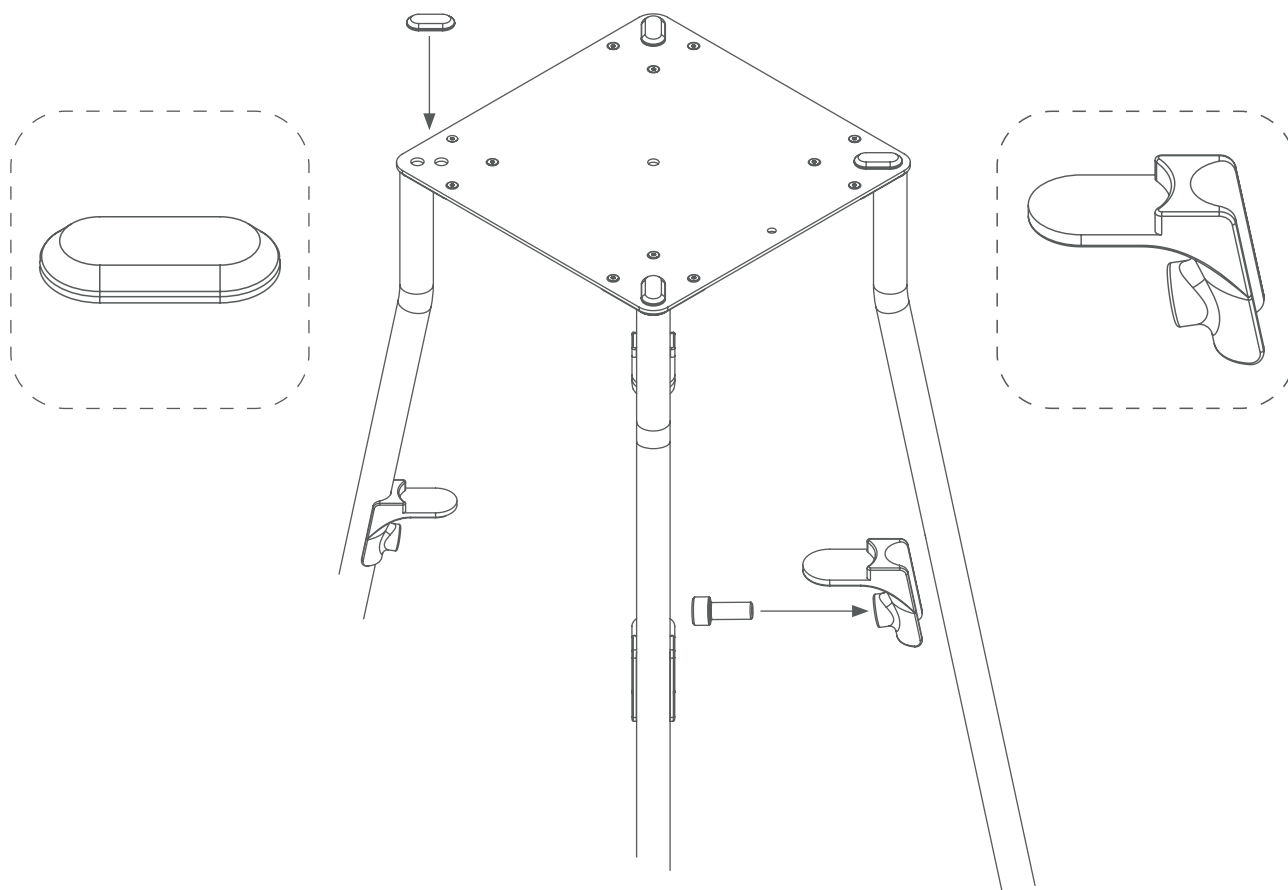
5 - Place the CPU clips in the bottom tray.
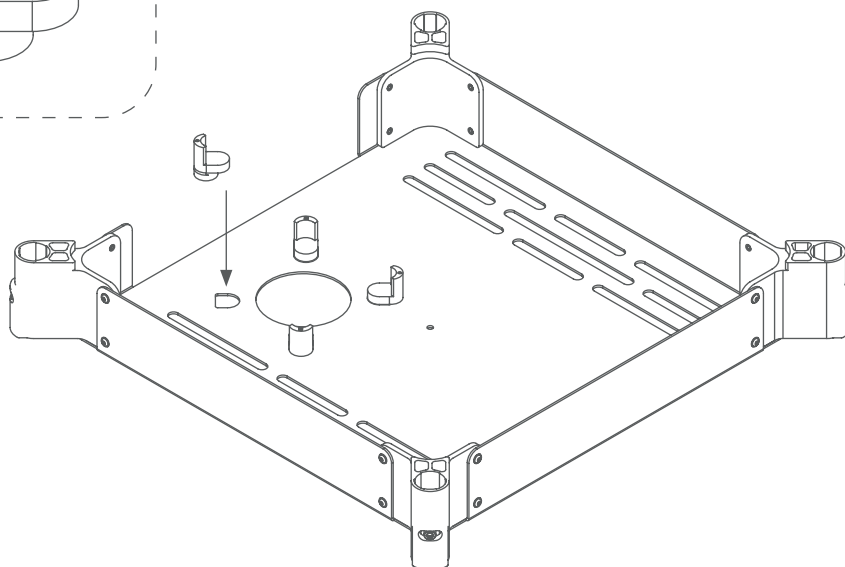
6 - Place the CPU and the con-
nection strip inside the tray.
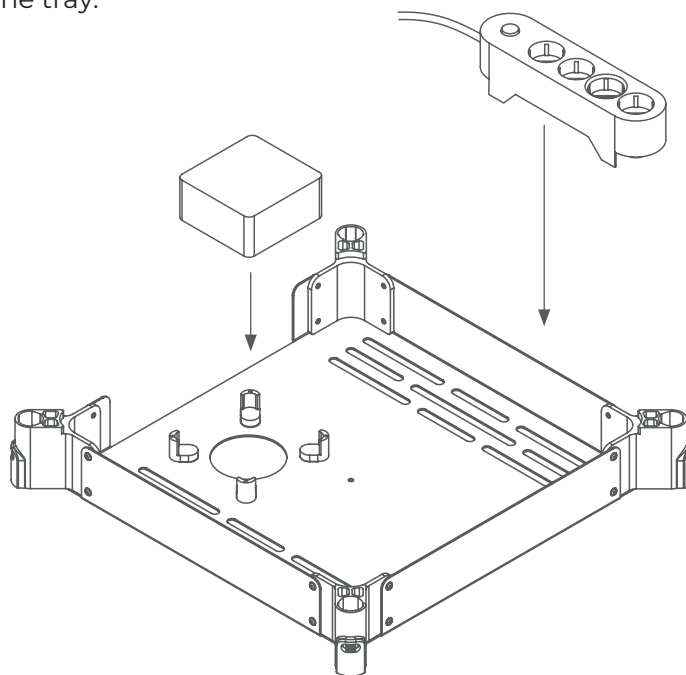
7 - Place the cable guides
to one of the rear legs.
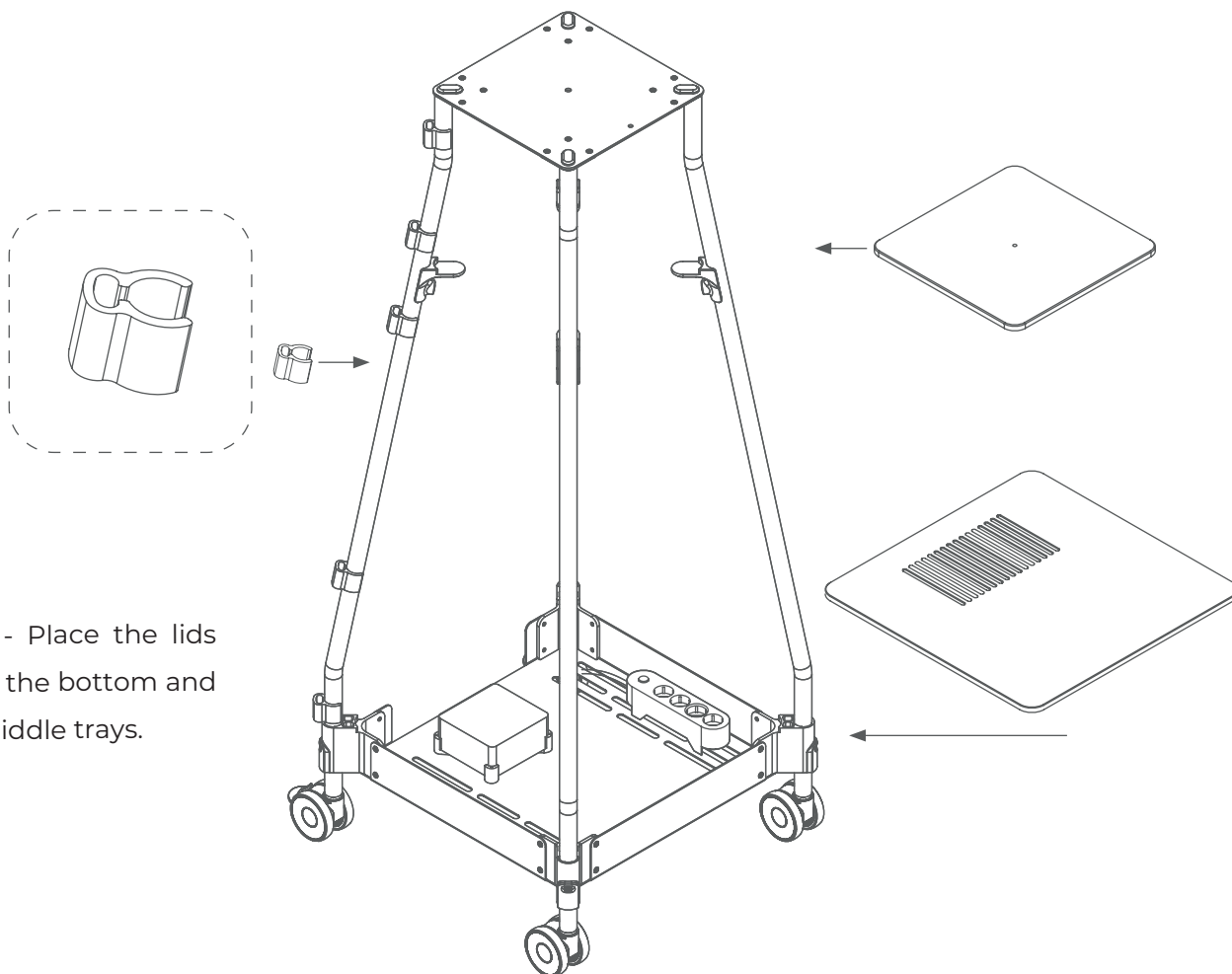
8 - Place the lids
of the bottom and
middle trays.

9 - Put the brakes on the rear wheels.
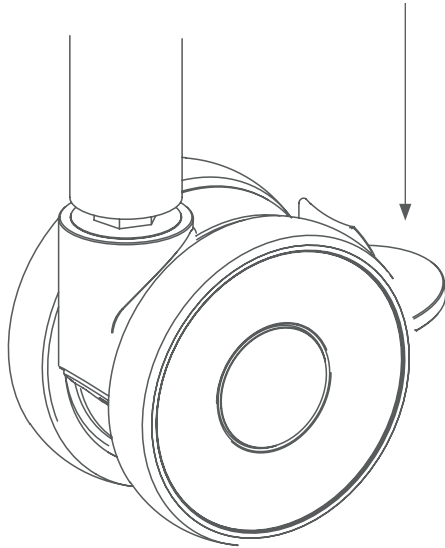
10 - Remove the levelers from the bottom of the projection module.
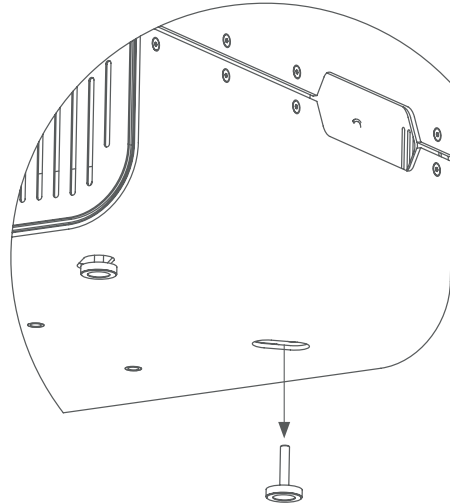
11- Position and center the projection module onto the trolley.
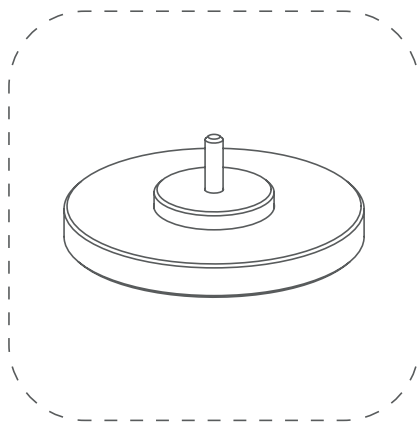
12- Secure the projection module to the trolley using the tightening knob.
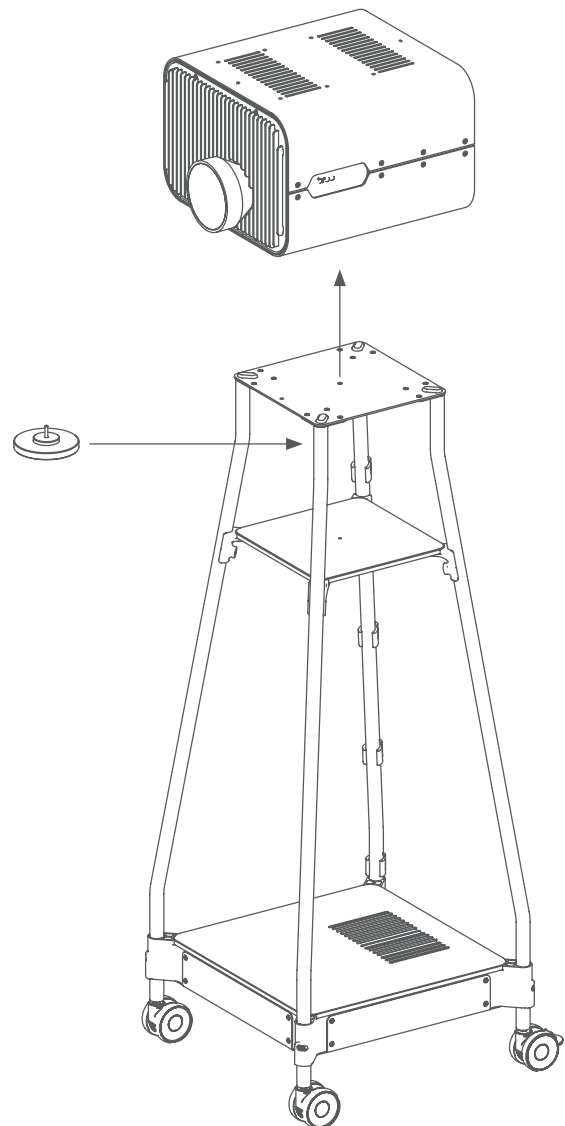
Connections

1. Connect the HDMI cable to the "HDMI" port on the CPU.

2. Connect the other end of the HDMI cable to the "HDMI1" input of the projector.

3. Connect the CPU to a router using the LAN cable.

4. Connect the speaker to the projector using the minijack cable.

5. Connect the speaker to the projector using the USB – USB-C cable.

6. Turn on the speaker using the power button.

7. Connect the projector to a power outlet using the power cable.

8. Connect the CPU to a power outlet using the power supply.

Connect and turn on the speaker before turning on the CPU. If a message related to audio output appears, turn the CPU off and then back on with the speaker turned on and connected..

Power on / off

Power on

1. Power on the projector using the remote control.

2. Connect a tablet / smartphone / PC to the projector's WiFi network:

  – Network: **MK#**

  – Password: **broomxnet**

3. Open a web browser and enter the following URL:

  – **http://broomx.control**

4. Navigate to the "Sessions" section and select any content for playback.

Power off

1. Stop the content being played back, or navigate to: Menu > Settings > Standby.

2. Power off the projector using the remote control.

3. Only disconnect from power when transporting the projector to another location. Before disconnecting from power, wait 3 minutes after powering off the projector.

If the connection fails or is unstable, please disable phone data and all automatic connection to other WiFi networks.

Adjusting the image

Projector configuration

1. Remove the back panel of the projection module which is held into place by magnets.
2. Reach out over the projector inside the casing until you feel 3 adjustment wheels.
3. Set the image to the widest display using the Zoom wheel.
4. Adjust the Lens Shift slider so that the bottom of the projected image touches the floor.
5. Adjust the Focus wheel until a crisp image is displayed.

Please find here a video tutorial for projection adjustments.

Calibration process

1. Power on the projector and connect the control device (tablet / PC / smartphone).
2. In the control interface, navigate in the main menu (top right) to Settings > Projection > Calibrate.
3. Position the red vertical line in the center of the projection wall.
4. Position the red horizontal line so that it is straight and parallel to the floor across the projected surface.
5. If the red horizontal line cannot be leveled low enough, lift the "OffsetY" fader.
6. Disable the "Calibrate" function to save the changes.

Operating conditions

• Use in dry, clean and ventilated environments.
• Room temperature: 12–28 °C (54–82 °F).
• Ambient humidity: max. 50%.
• Maximum continuous usage time: 8 h.
• For every 2 hours of use, turn off the projector with the remote control for 15 minutes.

Maintenance

Monthly maintenance

Clean the casing, lens and floor / ceiling mount using isopropyl alcohol and a soft microfiber wipe.

Do not spray the alcohol directly on the projector's components.

Quarterly maintenance - air filter

1. Remove the back panel from the projector module which is held into place with magnets.

2. Remove the air filter cover.

3. Remove the air filter from the projector.

4. Clean the filter with a vacuum cleaner, replace with a new filter if it is too obstructed.

5. Position the air filter and press lightly until it fits into place.

6. Place the air filter cover.

Replacement air filter model: **Epson ELPAF54**
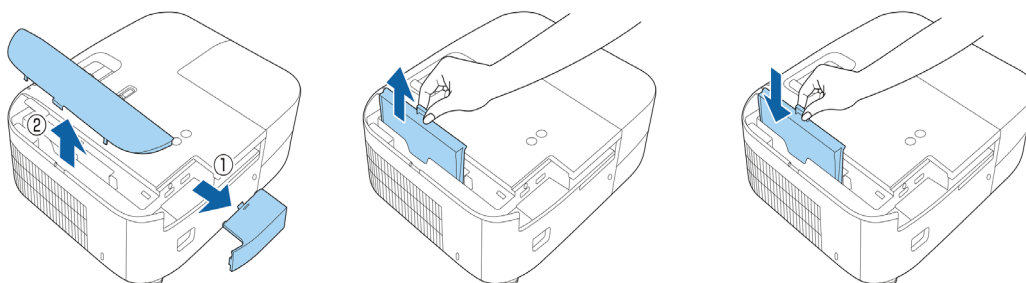
Lamp replacement

The projector's lamp has a lifespan of 4500 hours.

Once it reaches this limit, a message will be displayed.

Please contact us for instructions for replacing the lamp.